

EXHIBIT A

SUPREME COURT OF THE STATE OF NEW YORK
COUNTY OF KINGS

Index No.: 22284/OK

-----X
ARBEN MUSTAFA,

JUN 28 2000

Plaintiff,

-against-

VERIFIED COMPLAINT

ACCUPRESS MFG, LTD.

Defendants.
-----X

Plaintiff, by and through his attorneys, Rheingold, Valet,
Rheingold & Shkolnik, P.C., states as follows:

PARTIES

1. Plaintiff Arben Mustafa is a resident of Kings County, New York.
2. At all relevant times, defendant ACCUPRESS MFG, LTD., was and is a Canadian corporation engaged in the design, manufacture, marketing, distribution and sale of machines, including the Accupress press brake machine.
3. This Court has jurisdiction over defendant ACCUPRESS MFG, LTD., pursuant to CPLR §302(a)(3)(ii).

FACTUAL BACKGROUND

4. On or about June 2, 1998, plaintiff was working for Eliou & Scopelitis Steel Fabrication as a laborer.
5. On or about June 3, 1998 at or about 7:20 A.M., plaintiff was feeding metal sheets into the Accupress press brake machine used to bend metal.
6. While plaintiff was feeding sheet metal into the press brake machine, the press activated and closed on both of plaintiff's arms, severing his hands at the wrist.

FIRST CAUSE OF ACTION- NEGLIGENCE

7. Defendant ACCUPRESS MFG, LTD., was negligent in designing, manufacturing, marketing, distributing and selling the Accupress press brake machine with several defects, including, but not limited to, the following:

(a) the hand activation buttons were overridden by a [foot pedal] activation device defeating their purpose and safety benefit;

(b) failure to provide a necessary safety device;

(c) failure to warn potential users about the machine's dangerous propensities.

8. As a result of the aforementioned accident, plaintiff suffered non-economic damages relating to mental and physical pain, injuries to both hands, requiring the re-attachment of the two, which has resulted in permanent disability and caused serious difficulties with plaintiff's normal activities. Plaintiff has also suffered economic damages relating to past and future medical expenses and past and future loss of earning capacity.

9. Plaintiff's injuries are a proximate result of the negligence of the defendants.

10. Defendant is therefore liable to plaintiff in the amount of five million dollars.

SECOND CAUSE OF ACTION - STRICT PRODUCTS LIABILITY

11. Plaintiff repeats and realleges paragraphs 1 through

12. Defendant ACCUPRESS MFG, LTD., designed, manufactured, marketed, distributed and sold a product that was unreasonably dangerous.

13. The aforementioned defects existed when defendant placed the Accupress press brake machine into the stream of commerce.

14. Plaintiff's injuries were a proximate result of one or more of said defects.

15. By engaging in the aforesaid conduct, defendant is strictly liable to plaintiff in the amount of five million dollars.

THIRD CAUSE OF ACTION - BREACH OF WARRANTY

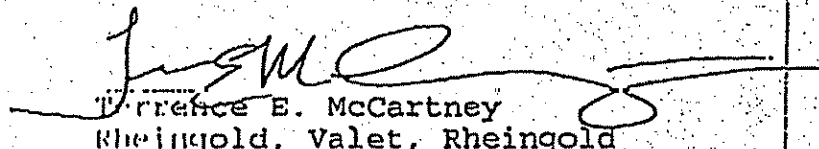
16. Plaintiff repeats and realleges paragraphs 1 through 15.

17. Defendant ACCUPRESS MFG, LTD., has breached applicable warranties, express and implied, and is therefore liable in the amount of five million dollars.

WHEREFORE, plaintiff demands judgment against the defendant:

- a. Compensatory damages on each Cause of Action in the amount of 5 million dollars;
- b. All together with interest, costs and disbursements;
- c. Such other and further relief as this Court deems just and proper.

Dated: New York, New York
June 22, 2000


Terrence E. McCartney
Rheingold, Valet, Rheingold
& Shkolnik, P.C.
Attorneys for Plaintiff
111 East 27th Street
New York, NY 10016
(212) 684-1880

SUPREME COURT OF THE STATE OF NEW YORK
COUNTY OF KINGS

-----X
ARBEN MUSTAFA,

Plaintiff,

-against-

ACCUPRESS MFG, LTD.

Defendants.
-----X

Index No.:

VERIFICATION

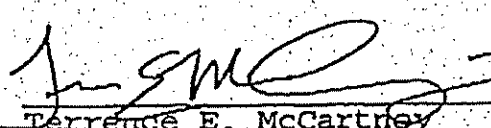
TERRENCE E. MCCARTNEY, an attorney duly admitted to practice law in the Courts of New York, affirms the following to be true:

1. That I am a member of the law firm of Rheingold, Valet, Rheingold, & Shkolnik, P.C., attorney for plaintiff in the within action. That I have read the foregoing complaint and know the contents thereof, and that the same are true to my knowledge, except as to the matters herein stated to be alleged upon information and belief, and that as to these matters I believe them to be true.

2. That the sources of my information and knowledge are records and investigation reports maintained within the file.

3. That the reason this verification is made by the affirmant and not by the plaintiff is that plaintiff does not reside in the County of New York, which is the county wherein this firm maintains its office.

Dated: New York, New York
June 22, 2000


Terrence E. McCartney

UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF NEW YORK

- - - - - X
ARBEN MUSTAFA :

Plaintiff, :

Civil Action No. 00 4851 (DGT)

vs. :

ANSWER

ACCUPRESS MFG, LTD. :

Defendant. :

- - - - - X

Defendant Halkin Tool, Ltd. ("Halkin"), improperly named herein as Accupress Mfg., Ltd., by its attorneys, Herzfeld & Rubin, P.C., for its Answer to the Verified Complaint, states as follows, upon information and belief:

1. Denies knowledge or information sufficient to form a belief as to the truth of the allegations set forth in paragraph one (1) of the Verified Complaint.

2. Denies the allegations set forth in paragraph two (2) of the Verified Complaint, except admits that Halkin is a Canadian corporation.

3. Denies the allegations set forth in paragraph three (3) of the Verified Complaint as a legal conclusion of the pleader.

4. Denies knowledge or information sufficient to form a belief as to the truth of the the allegations set forth in paragraph four (4) of the Verified Complaint.

5. Denies knowledge or information sufficient to form a belief as to the truth of the the allegations set forth in paragraph five (5) of the Verified Complaint.

6. Denies knowledge or information sufficient to form

a belief as to the truth of the the allegations set forth in paragraph six (6) of the Verified Complaint.

AS TO THE FIRST CAUSE OF ACTION

7. Denies the allegations set forth in paragraph seven (7) of the Verified Complaint.

8. Denies the allegations set forth in paragraph eight (8) of the Verified Complaint.

9. Denies the allegations set forth in paragraph nine (9) of the Verified Complaint.

10. Denies the allegations set forth in paragraph ten (10) of the Verified Complaint.

AS TO THE SECOND CAUSE OF ACTION

11. As and for its response to paragraph eleven (11) of the Verified Complaint, defendant repeats and realleges its responses to paragraphs one (1) through ten (10) of the Verified Complaint as if fully set forth herein.

12. Denies the allegations set forth in paragraph twelve (12) of the Verified Complaint.

13. Denies the allegations set forth in paragraph thirteen (13) of the Verified Complaint.

14. Denies the allegations set forth in paragraph fourteen (14) of the Verified Complaint.

15. Denies the allegations set forth in paragraph fifteen (15) of the Verified Complaint.

AS TO THE THIRD CAUSE OF ACTION

16. As and for its response to paragraph sixteen (16) of the Verified Complaint, defendant repeats and realleges its responses to paragraphs one (1) through fifteen (15) of the Verified Complaint as if fully set forth herein.

17. Denies the allegations set forth in paragraph seventeen (17) of the Verified Complaint.

FIRST AFFIRMATIVE DEFENSE

18. The Verified Complaint fails to state a claim against Halkin.

SECOND AFFIRMATIVE DEFENSE

19. The injuries, if any, allege to have been sustained by the plaintiff or caused, in whole or in part, by the negligence or other culpable conduct of the plaintiff.

THIRD AFFIRMATIVE DEFENSE

20. If the plaintiff was injured as alleged in the Verified Complaint, all of which has been denied by the answering defendant, said injuries were proximately caused by the acts or omissions of one or more persons over whom the defendant had no control.

FOURTH AFFIRMATIVE DEFENSE

21. If the plaintiff sustained injuries in the manner alleged, all of which has been denied by the answering defendant, and if the assessed liability of the answering defendant is fifty percent (50%) or less of the total liability assigned to all persons liable, then the liability of the answering defendant to plaintiff to non-economic loss shall not exceed the answering defendant's equitable share determined in accordance with the relative culpability of each person causing or contributing to the total liability for non-economic loss.

FIFTH AFFIRMATIVE DEFENSE

22. Plaintiff's claims are barred because any damage claimed to have been suffered by plaintiff was due solely to plaintiff's failure to mitigate damages.

SIXTH AFFIRMATIVE DEFENSE

23. Any alleged failure of performance in the product which is the subject of this action ("the Product") was caused by the alteration, misuse and/or improper maintenance of the Product, rather than any defect in the materials, workmanship or merchantability of the Product.

SEVENTH AFFIRMATIVE DEFENSE

24. Any alleged failure of performance in the Product was caused by ordinary wear of the Product, rather than any

defect in the materials, workmanship or merchantability of the Product.

EIGHTH AFFIRMATIVE DEFENSE

25. The Product was not defective or dangerous at any time when and if defendant had possession or control of it.

NINTH AFFIRMATIVE DEFENSE

26. Upon information and belief the accident alleged and the injuries claimed to have been sustained by the plaintiff were the result of a modification of the Product.

TENTH AFFIRMATIVE DEFENSE

27. Any and all risks, hazards and dangers were open, obvious and apparent, natural and inherent and unknown or should have been known by the plaintiff and he assumed all such risks, hazards and defects.

ELEVENTH AFFIRMATIVE DEFENSE

28. Plaintiff's claim for breach of warranty is barred by the statute of limitations.


TWELFTH AFFIRMATIVE DEFENSE

29. This Court lacks personal jurisdiction over the defendant on the grounds that plaintiff has failed to effect proper service of process.

WHEREFORE, Halkin respectfully requests judgment in its favor, together with costs and disbursements, or, in the alternative, in the event the Court renders judgment in favor of plaintiffs, that the Court reduce any judgment awarded to plaintiff based on plaintiff's contributory negligence or other culpable conduct, or the negligence or other culpable conduct of others, and that the Court grant such other and further relief as the Court may deem just and proper.

Dated: New York, New York
August 18, 2000

HERZFELD & RUBIN, P.C.

By: 
Harold M. Weidenfeld (HW 9569)
40 Wall Street
New York, New York 10005
(212) 344-5500

Attorneys for Defendant
HALKIN TOOL, LTD.

Of Counsel:

Mark F. McCarthy
ARTER & HADDEN, LLP
1100 Huntington Building
925 Euclid Avenue
Cleveland OH 44115-1475
(216) 696-1100

TO: Rheingold, Valet, Rheingold
& Shkolnik, P.C.
Attorneys for Plaintiff
113 E. 37th Street
New York, NY 10016
(212) 684-1880

EXHIBIT B

UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF NEW YORK

-----X
ARBEN MUSTAFA,

CV-00-4851 (DGT) (JMA)

Plaintiff,

DEFENDANT'S

INITIAL DISCLOSURE

F.R.Civ.P. Rule 26(a)(1)

-against-

ACCUPRESS MFG., LTD.,

Defendant.

-----X
HALKIN TOOL, LTD. ("HALKIN"),
improperly named herein as
"ACCUPRESS MFG., LTD.,

Third-Party Plaintiff,

-against-

ELIOU STEEL FABRICATION, INC.,

Third-Party Defendant.

-----X

Defendant, Halkin Tool LTD. ("HALKIN"), improperly named herein as Accupress Mfg., by its attorneys Herzfeld & Rubin, P.C., hereby provides Initial Disclosures pursuant to F.R.Civ.P. Rule 26(a)(1).

BACKGROUND

The complaint alleges that on or about June 3, 1998 plaintiff was injured in the course of his employment as a laborer for Eliou & Scopelitis Steel Fabrication while feeding metal sheets into an Accupress press brake machine used to bend metal.

The press brake machine has been identified as a Model no. 725012, serial no. 1710.

Rule 26(a)(1)(A) Individuals likely to have discoverable information.

Mr. Dean Albrecht
Halkin Tool Ltd.



Rule 26(a)(1)(B) Documents relevant to claims.

Annexed hereto are copies of:

- (a) HALKIN's machine file for the subject machine; and
- (b) The instruction manual for the subject machine.

Rule 26(a)(1)(C) Damages.

This is directed to plaintiff.

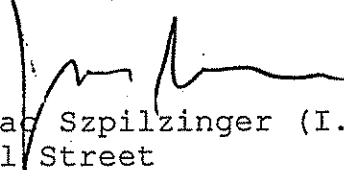
Rule 26(a)(1)(D) Insurance information.

HALKIN is not insured for the incident set forth in the complaint.

Dated: New York, New York
January 9, 2001

Yours, etc.,

HERZFELD & RUBIN, P.C.
Attorneys for Defendant/
Third Party Plaintiff
Halkin Tool Ltd. improperly named
herein as Accupress Mfg., Ltd.

By: 
Isaac Szpilzinger (I.S.-1844)
40 Wall Street
New York, New York 10005
212-344-5500

TO: Rheingold, Valet, Rheingold & Shkolnik, P.C.
Attorneys for Plaintiff
113 East 37th Street
New York, New York 10016
(212) 684-1880

O'Connor & O'Connor, LLP
Attorneys for Third-Party Defendant
Eliou Steel Fabrication, Inc.
200 Mamaroneck Avenue
White Plains, New York 10601
(914) 686-1700

WALSH-ATKINSON COMPANY, INC.

P.O. BOX 822, 307 E OLD COUNTRY ROAD

HICKSVILLE, NY 11801

(516) 822-0910 • (212) 962-7650 • (201) 335-7600

FAX (516) 822-0913

WA-6285
ORDERED BY FAX

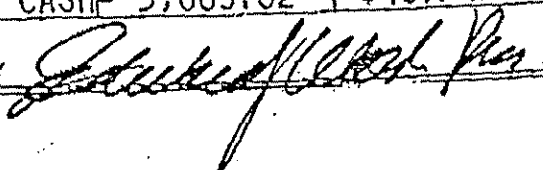
• ACCURPRESS MFG. LTD.
• 13160 PRINCESS STREET
• RICHMOND, BC, CANADA V7E 3S2

ELIQU STEEL FABRICATION INC.
130 GREEN STREET
BROOKLYN, NY 11222

OF ORDER	DATE REQUIRED	SHIP VIA	F.O.B.
3/13/90	10 WEEKS	TRUCK	RICHMOND, BC
S	FOR RE-SALE	FOR OWN USE	FOR (DEPT.)
7% CASH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
REQUISITION NO.	QUOTE NO.	**PER STUART	
QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	<i>FIRST NEW STYLE</i> ACCURPRESS MODEL 725012 PRESSBRAKE, SN 1710, WITH 230 VOLT/3 PHASE/60 CYCLE	\$53,500.00	
1	HIGH SPEED OPTION**	1,500.00	
1	TONNAGE CONTROL	570.00	
1	27" POWER-OPERATED BACKGAUGE WITH DIGITAL READOUT IN .001" WITH INCH/METRIC CONVERSION**	2,750.00	
1	POWER ECCENTRIC	1,000.00	
1	4-4 DIE HOLDER WITH 3 BURNOUTS FOR MOUNTING	1,170.00	
1	UP-1 8' LONG PUNCH	360.00	
1	L-4 8' LONG DIE	320.00	
1	UP-4 8' LONG PUNCH	520.00	
1	L-12 8' LONG DIE	700.00	
1	UP-60-2 6' LONG 30° PUNCH	380.00	
1	L-60-4 6' 30° DIE	380.00	
		\$63,150.00	
		LESS 17%	10,735.50
		\$52,414.50	
		LESS 7% CASH	3,669.02
			\$48,745.48

OUR ORDER NO. MUST APPEAR ON ALL INVOICES, PACKAGES, AND
IMPORTANT: CORRESPONDENCE. NOTIFY US IMMEDIATELY IF UNABLE TO SHIP
BY DATE REQUIRED.

BY



09/21/90

MACHINE: PRESS BRAKE

1

MACHINE MODEL: 725012

SERIAL NUMBER: 1710

DEALER: Walsh-Atkinson Co. Ltd.
 Box 822, 307E Old Country Rd
 Hicksville, NY 11801
 (516) 822-0910

CUST.: Eliou Steel Fabrication Inc.
 130 Green Street
 Brooklyn, NY 11222

* DEALER O/N : WA-6285
 * DATE RECEIVED : Sept 21/90
 * SHIPMENT PROMISED: Nov 29/90
 * INV # :
 * FAX FOR FUNDS :
 * CHEQ REC'D :
 * DATE SHIPPED :
 *

* OPTIONS:

ELECTRICAL:

Voltage: 230
 Main Motor: BALDOR 30 HP/286T/1800 RPM
 Eccentric Motor : Eurodrive R40DT71D4
 #1 Overload: Telemecanique LR1F105
 #2 Overload: Telemecanique LR1D09307

* Backgauge: Mark II Power
 * Tonnage Control
 * Power Eccentric
 * High speed hydraulic package
 * 4-4-12'D.H., UP1-8', L4-8', UP4-8'
 * L12-8', UP60-2-6', L60-4-6'
 *
 *

HYDRAULIC:

Manifold Dwg #: 1-3113
 Hyd. Pump: Denison VICKERS 3520VSH-35-8
 Main Directional Valves:
 High Volume Valve : Rex. 4WEH22G60
 High Pressure Valve : Rex. 4WEH22T460P4.5
 H.P. Relief Valve Setting: 3550 PSI NEW-STD
 Check Valve: C1200S65
 Relief Valve: Fluid 1A30F60S, Sun RPIC-LAN
 Oil Cooler: Thermal Transfer AO10
 Coupling: Woods 10s
 4000 PSI Cyl.: 6" Dia. x 24" Stroke NEW-STD

* NON-STANDARD:

GEOMETRY:

Stroke Length: 8" STD
 Open Height: 16" STD
 Closed Height: 8" STD
 Throat Depth: 10" STD

SHEET SIZES:

RAM 003.000 X 046.000 X 144.000 NEW-STD
 CAP 005.000 X 010.500 X 144.500 NEW-STD
 BED 005.000 X 023.750 X 140.000 NEW-STD
 FLANGE 005.000 X 014.000 X 136.000 NEW STD
 FRAMES 003.000 X 047.563 X 087.500 NEW-STD
 ROCKER 002.500 X 021.750 X 055.500 NEW-STD

REVISED COPY
 DESTROY PREVIOUS ISSUE
 Date OCT 10 1990

PRESS BRAKE HYDRAULIC DATA SHEET CHECK-OUT

DATE: Nov 28/90MODEL 725012 SERIAL NO. 1710

Schematic Diagram No. _____

- A) RESERVOIR: Capacity _____ U.S. Gallons
(Height x Width x Length) 10 x 14 x 96
- B) MOTOR: Make Baldor Frame 286T
Horsepower 30 H.P. Voltage 230 V. Amps 76 A.
- C) COUPLING: ☐ Lovejoy L110 ☒ Woods 10 S
- D) DOUBLE PUMP: ☐ Vickers V2010-1 F S S-1
☐ Denison T6CC- _____ -1R _____
☐ Denison T6DC- 035 - 008 -1R 28 - B111
☐ Vickers 2520-V A -1
Other ☐ _____
Pump Serial No. _____
- E) MAIN DIRECTIONAL VALVE: HP=High Pressure
HP HV HV=High Volume
☒ ☐ Parker D61VW8C320Y40
☐ ☒ Parker D61VW9C24Y
☐ ☐ Rexroth 4WEH22T 60/6AND/5
☐ ☐ Rexroth 4WEH22G60/6AW120-60/B12/5V
- F) CHECK VALVE: ☐ Parker 65M90 Other ☒ CXFA XFN 17
- G) PRESSURE SWITCH: ☐ Rexroth HED-40A15/350Z4
☐ Allen Bradley 836T-T35 J
Other ☐ _____
- H) HIGH PRESSURE RELIEF VALVE: ☒ Fluid Controls 1A30F 6 OS
☐ _____
- I) LOW PRESSURE RELIEF VALVE: ☐ Fluid Controls 1A30F OS
☒ Sun RPIC-LAN
Other ☐ _____
- J) FILTER RELIEF: ☒ RPR-2S
- K) RETURN FILTER: ☐ Fram C-1671
- L) SUCTION STRAINER: ☐ _____ 1 1/2 inch dia.
☐ _____ 2 1/2 inch dia.
☒ ~~SS-300-60~~ 3 inch dia.
- M) COOLER: ☐ Thermal Transfer M10 ☒ Thermal Transfer AO 10
☐ Thermal Transfer AO 20
- N) PRESSURE GAUGE: ☐ 0-3000 p.s.i. ☐ Stem ☐ Back Qty. _____
☒ 0-4000 p.s.i. ☐ Stem ☒ Back Qty. 1
☐ 0-5000 p.s.i. ☐ Stem ☐ Back Qty. _____
- O) MAIN MANIFOLD DRAWING: ☐ 16752/C (Standard Bed Mounted)
☐ 14111/B (Standard Table Mounted)
- P) SETTINGS: High Pressure Relief 3550 p.s.i. @ 38 amps.
Low Pressure Relief 1000 p.s.i. @ 39 amps.
- Q) PILOT ORIFICE: N/A inch dia.
- R) PILOT PRESSURE: _____ p.s.i. @ _____ deg. F.
- S) NON-STANDARD: 1. Tested on 460V
2. Parker main directional valves
3. _____

PRESS BRAKE ELECTRICAL COMPONENTS

H - 2

PRESS BRAKE MODEL 725062 SERIAL NO. 1715Schematic No. 3-4597/3-4545 Cabinet No. 9198
3-4544/3-4543

TRANSFORMER ☒ Hammond 129604
 DISCONNECT SWITCH ☐ Amalgamated 2636 I
 DISCONNECT SWITCH ☒ Amalgamated 3636 I
 DISCONNECT SWITCH ☐ Amalgamated 4636 I

CIRCUIT BREAKER 1-2 C.B. ☐ 3A 1-2 C.B. ☒ 5A 1-2 C.B. ☐ 3.5A 1-2 C.B. ☐ 8A 1-2 C.B. ☐ 4A 1-2 C.B. ☐ 10A

#1 CONTACTOR (Main Motor) ☐ Telemecanique LC1 D 253 H7K
☐ Telemecanique LC1 D 503 H7K
☐ Telemecanique LC1 D 633 H7K
☒ Telemecanique LC1-FF43
☐ Telemecanique LC1-FQ43
☐ Telemecanique LC1-FH43
☐ Telemecanique CN2-HC 133 H7K
 #2 CONTACTOR (Ram Tilt) ☒ Telemecanique LC2 D 099 H7K
 #3 CONTACTOR (Backgauge) ☐ Telemecanique LC2 D 099 H7K

#1 OVERLOAD ☒ Telemecanique LRL- F-105
 #1 OVERLOAD ☐ Telemecanique RAL-
 #2 OVERLOAD ☒ Telemecanique LRL- D09307
 #3 OVERLOAD ☐ Telemecanique LRL-

AUXILIARY CONTACT ☐ Telemecanique LA1-D20
 AUXILIARY CONTACT ☐ Telemecanique ZC1-

INDICATOR LIGHT 1-2 L.T. ☒ Telemecanique ZB2BV6-ZB2BV04

PUSHBUTTON 1 P.B. ☒ Telemecanique ZB2-BZ102
 PUSHBUTTON 2 P.B. ☒ Telemecanique ZB2-BW061
 PUSHBUTTON 3,4 P.B. ☒ Telemecanique ZB2-BZ101
 PUSHBUTTON 5,6 P.B. ☒ Telemecanique ZB2-BZ105 (+2) BE101
 PUSHBUTTON 7,8 P.B. ☒ Telemecanique ZB2-BZ105 (+2) BE101

SELECTOR SWITCH 1-2 S.S. ☒ Telemecanique ZB2-BZ105 (+1) BE102
 SELECTOR SWITCH 3 S.S. ☒ Telemecanique ZB2-BZ101
 SELECTOR SWITCH 4 S.S. ☐ Telemecanique ZB2-BZ10
 SELECTOR SWITCH 5 S.S. ☐ Telemecanique ZB2-BZ10

CONTROL RELAY 2,4-5 C.R. ☒ Izumi RH2B-UL 120V.
 CONTROL RELAY 1-3 C.R. ☒ Izumi RH3B-UL 120V.
 CONTROL RELAY 6 C.R. ☐ Izumi RH4B-UL 120V.

LATCH RELAY 1 L.R. ☐ Omron MY2K 120V.

TIME DELAY RELAY 1 T.R. ☒ Omron H3Y-2-US 120V.
 TIME DELAY RELAY 2 T.R. ☐ Omron H3BH-8 120V.

LIMIT SWITCH 7,8 L.S. ☒ Telemecanique XCKL 115 H7
 LIMIT SWITCH 9,10 L.S. ☒ Micro DT-2R-A7/MD3211Q
 LIMIT SWITCH 1-2 L.S. ☒ Micro BZ2RQ18-A2
 LIMIT SWITCH 3,4 L.S. ☒ Micro BZ2RQ1-A2
 LIMIT SWITCH 5 L.S. ☒ Micro DTE-62RN

 ***** PRESS BRAKE *****
 ***** QUALITY CONTROL CHECK-OUT *****

 MODEL NUMBER **725012**

CYCLING CHARACTERISTICS

- **19 1/2** CYCLE/MIN @ **3** " STROKE
 - REPEATABILITY IN AUTO MODE $\pm 0.0005"$
 - REPEATABILITY IN JOG MODE $\pm 0.001"$

CROWNS AND BOWS

- BED CROWN *Not Marked*
 - RAM CROWN
 - RAM BOW

PARALLELISM

- RAM DOWN $0.000"$ - $+0.006"$ - $0.000"$
 - RAM MID $+0.007"$ - $0.000"$
 - RAM UP $-0.002"$ - $0.006"$
eccentric level: +0.004"

INSTALLATION PRESSURES

- MAIN BRG ECC. **600** PSI.
 - MAIN BRG S.G. **1,200** PSI.
 - MAIN PIN ECC. **4000** PSI.
 - MAIN PIN S.G. **2900** PSI.

TORQUE SPECS

- CONN ROD ECC TOP **25** FT/LBS
 - CONN ROD ECC BOT **130** FT/LBS
 - CONN ROD S.G. TOP **25** FT/LBS
 - CONN ROD S.G. BOT **130** FT/LBS

MISCELLANEOUS

- GREASE NIPPLES *✓ 2/4*
 - DIE CLAMP SPRINGS *✓ Mach Shop*
 - DIE/HOLDER CLAMPS *✓ Check*
 - SERIAL NO. ON FRAME *✓ Colin*
 - NAMEPLATES & SAFETY DECALS *✓ Colin*
 - OIL DRAINED *✓ Check*
 - OIL FILLED

- RAM TONNAGE HOSE/SZ **1 1/2" (22")** *0*

- !!!!!!!!!!!!! FINISHED MACHINE CONFORMS TO SHIPPING REQUISITION !!!!!!!!!!!!!

NON-STANDARD (EXAMPLE, SHIMMED BEARINGS, LOOSE FITS)

SIGNATURE

COMPLETION DATE

SERIAL NUMBER

LIMIT SWITCHES SET

- RAM UP **16** IN.

- RAM DOWN **8** IN.

- STROKE LENGTH **8** IN.

- TORQUE UPPER **0072** IN.

- TORQUE LOWER **0072** IN.

- B.G. READOUT @ **26 1/2** IN.

- POWERED ECCENTRICS **1.7~1.8 AMPS**

SHIMMING SPECS

- WAYS BOX ECC. OUTER **0.015"**

- WAYS BOX ECC. INNER **0.025"**

- WAYS BOX S.G. OUTER **0.015"**

- WAYS BOX S.G. INNER **0.025"**

- ECC. RAM LUG OUTER **0.025"**

- ECC. RAM LUG INNER **0.025"**

PRESSURE SETTINGS & AMP DRAWS

- **30** H.P. MOTOR **230 v @ 76** AMPS
 - H.P. **3530** PSI @ **88** AMPS
 - L.P. **1000** PSI @ **103** AMPS
 - U.B. **1600** PSI @ **AMPS**

- RAM RAISING **97**
 - MACHINE @ IDLE **39** AMPS

MECHANICAL

- CYLINDER STYLE *calverce*
 - WAYS BOX STYLE *weld on*

- ALLEN KEY PROVIDED *✓ Check*

- MANUAL/S INCLUDED *✓ Rmcc*

- PUTTY/PAINT/RUSTPROOF *✓ Michael*

- PLASTIC WITH WARNING TAPE *✓ Check*

- MACHINE CONFORMS TO ORDER *✓ Check*

- ECC. GEAR REDUCER **R40A, 29.36:1**

- ECC. SPROCKETS (TEETH) **14:17**

- RAM TONNAGE GAUGE **14,000 PSI**

Red d, s & p set up by J.L.
RAM W/FLD LUGS SET - Scott LK
Powered back gauge: PALDOR meter: SPEC - 2912 - Serial No - 22590037 - 14HP; 115V; 4.6 AMPS.
Drawn: 3.7-3.8 AMPS.